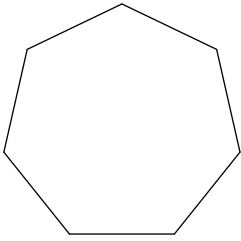


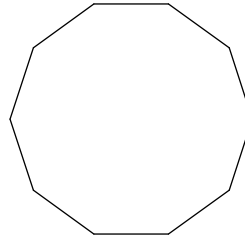
Introduction to Polygons

Write the name of each polygon.

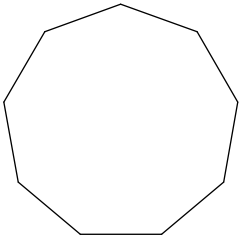
1)



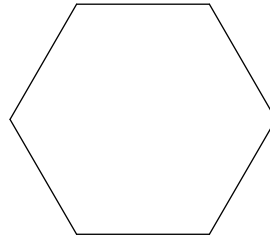
2)



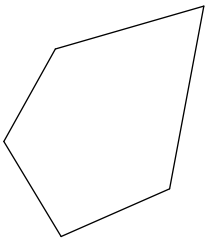
3)



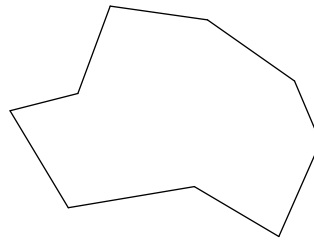
4)



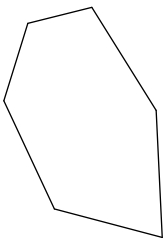
5)



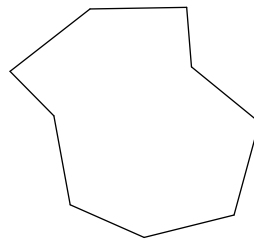
6)



7)

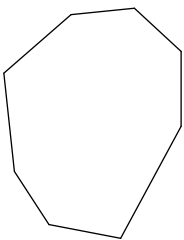


8)

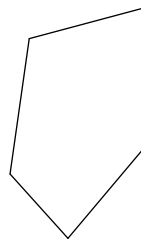


State if each polygon is concave or convex.

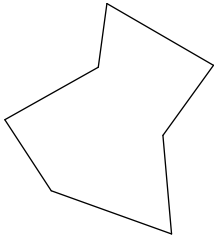
9)



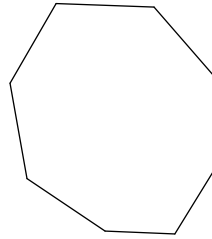
10)



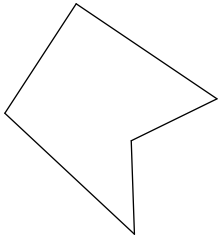
11)



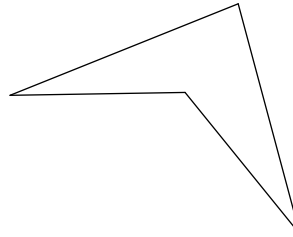
12)



13)

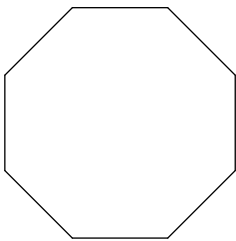


14)

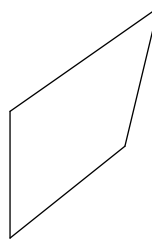


State if each polygon is regular or not.

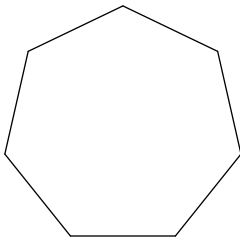
15)



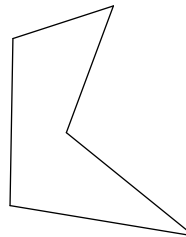
16)



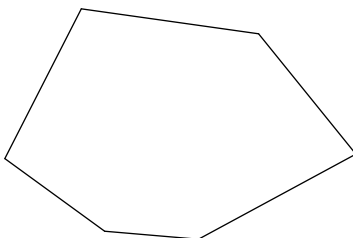
17)



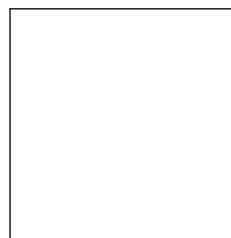
18)



19)



20)



Critical thinking questions:

21) Sketch a concave hexagon.

22) Which are impossible:

Regular convex octagon

Concave trapezoid

Convex irregular 20-gon

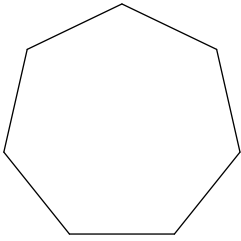
Concave triangle

Concave equilateral pentagon

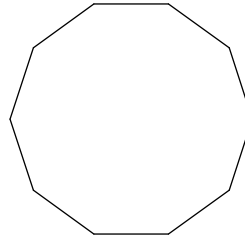
Introduction to Polygons

Write the name of each polygon.

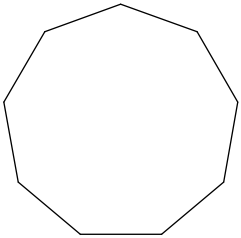
1) **heptagon**



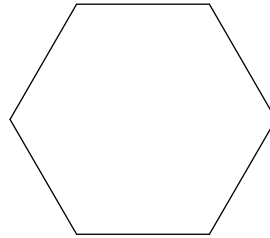
2) **decagon**



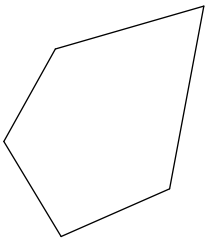
3) **nonagon**



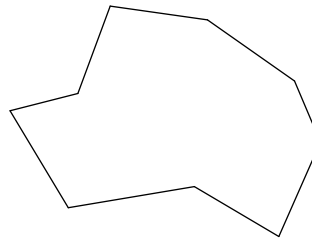
4) **hexagon**



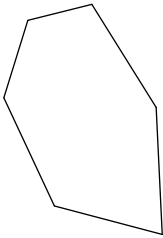
5) **pentagon**



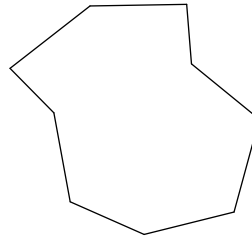
6) **nonagon**



7) **hexagon**

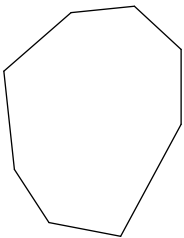


8) **nonagon**

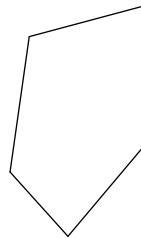


State if each polygon is concave or convex.

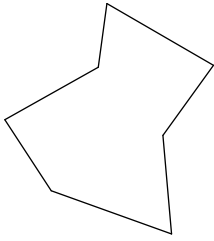
9) **convex**



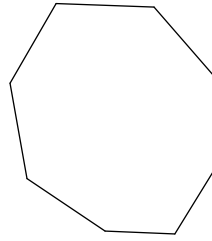
10) **convex**



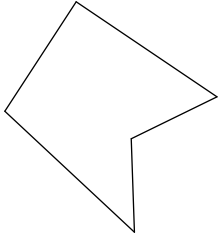
11) **concave**



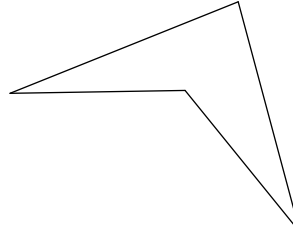
12) **convex**



13) **concave**

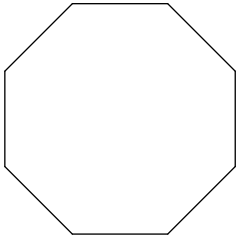


14) **concave**

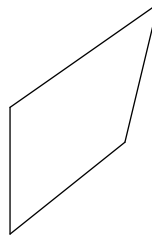


State if each polygon is regular or not.

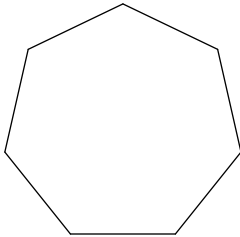
15) **regular**



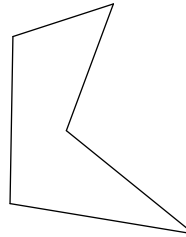
16) **not regular**



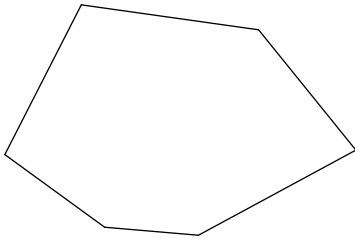
17) **regular**



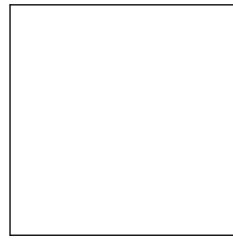
18) **not regular**



19) **not regular**



20) **regular**



Critical thinking questions:

21) Sketch a concave hexagon.

Many answers.

22) Which are impossible:

Regular convex octagon

Concave trapezoid

Convex irregular 20-gon

Concave triangle

Concave equilateral pentagon

Concave trapezoid, concave triangle